

Converting Colors

YUV(131.8200, 40.0217,
-3.3501)

Have a look what the booklet for
YUV(131.8200, 40.0217, -3.3501)
contains.

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Color

**YUV(131.8200, 40.0217,
-3.3501)**

Conversions

Conversions Part 1

Format	Color
Hex	8076D5
RGB	128, 118, 213
RGB Percent	50%, 46%, 84%
CMY	0.4980, 0.5373, 0.1647
CMYK	0.40, 0.45, 0.00, 0.16
HSL	246°, 53%, 65%
HSV	246°, 45%, 84%
XYZ	27.3908, 22.3502, 65.8212
YIQ	131.8200, -24.5350, 31.6650

Conversions

Conversions Part 2

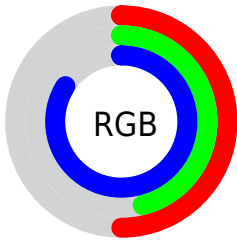
Format	Color
RYB	128, 118, 213
Decimal	8419029
CIELab	54.40, 26.83, -47.73
CIELCh	54, 54.758, 299.337
Yxy	22.3502, 0.2370, 0.1934
Android (android.graphics.Color)	4286609109 (0xFF8076D5)
YUV	131.8200, 40.0217, -3.3501
Hunter-Lab	47.2760, 20.6865, -49.4548

Details

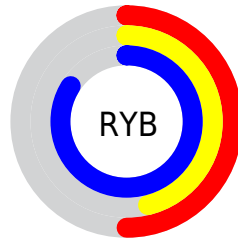
The YUV color **131.8200, 40.0217, -3.3501** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **199.1800, -40.0217, 3.3501**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.8760, 35.0641, 0.1087**, and **80.9290, 37.9960, -6.9537** is the 20% darker color. If you saturate the color by 10%, you get **113.8120, 48.8997, -4.2201**, and if you desaturate by 10%, it is **149.8280, 31.1438, -2.4802**.

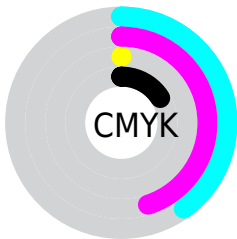
Distribution



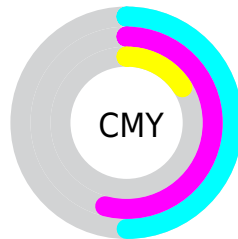
- Red (50%)
- Green (46%)
- Blue (84%)



- Red (50%)
- Yellow (46%)
- Blue (84%)



- Cyan (40%)
- Magenta (45%)
- Yellow (0%)
- Black (16%)



- Cyan (50%)
- Magenta (54%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.8200, 40.0217, -3.3501 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 131.8200, 40.0217, -3.3501 by changing the saturation by 10% instead.

■ 131.8200, 40.0217,
-3.3501

■ 131.8200, 40.0217,
-3.3501

255.0000, 0.0000,
0.0000

■ 105.8800, 39.0062,
-4.2798

■ 183.8760, 35.0641,
0.1087

■ 80.9290, 37.9960,
-6.9537

■ 208.9830, 22.6864,
3.5229

■ 55.6790, 37.1333,
-10.2425

■ 234.0900, 10.3086,
6.9371

■ 28.4280, 37.7500,
-21.4234

254.4130, 0.2894,
0.5148

■ 11.5820, 34.2231,
-10.1574

■ 8.2590, 24.0293,
-7.2431

■ 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 131.8200, 40.0217,
-3.3501

■ 131.8200, 40.0217,
-3.3501

■ 113.8120, 48.8997,
-4.2201

■ 149.8280, 31.1438,
-2.4802

■ 95.2170, 58.0670,
-4.5753

■ 168.4230, 21.9765,
-2.1250

■ 77.2090, 66.9450,
-5.4453

■ 186.4310, 13.0985,
-1.2550

■ 59.2010, 75.8229,
-6.3153

■ 204.4390, 4.2206,
-0.3850

■ 40.6060, 84.9902,
-6.6705

■ 223.0340, -4.9468,
-0.0298

■ 30.8600, 89.7950,
-7.7702

■ 241.0420,
-13.8247, 0.8402

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



105.4820, 58.9224, -92.5077



131.8200, 40.0217, -3.3501



132.9590, 22.6982, 46.5170

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



131.8200, 40.0217, -3.3501



126.7490, -39.3163, 57.2251



103.8160, 11.9227, -91.0466

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



131.8200, 40.0217, -3.3501



199.1800, -40.0217, 3.3501

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.6350, -13.6241, -63.7009



131.8200, 40.0217, -3.3501



123.5160, -49.5544, 27.6115

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



131.8200, 40.0217, -3.3501



127.0220, -19.7308, 75.4027



119.6190, -39.2522, -10.1899



109.1740, 32.4522, -95.7456

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



131.8200, 40.0217, -3.3501



129.9480, 9.3926, 67.5746



119.6190, -39.2522, -10.1899



101.8780, 4.4971, -89.3470

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



131.8200, 40.0217, -3.3501



226.6590, 13.9721, -1.4549



178.7250, 16.8976, -53.2558



109.9920, 8.8779, -0.8700



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



131.8200, 40.0217, -3.3501



137.2170, 58.0670, -4.5753



145.8730, 33.0936, 25.5444



97.8520, 4.5100, 0.1298



24.8760, 72.0391, -6.0303



6.3970, 18.0453, -1.2252

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



156.0950, 23.1242, 49.9057



172.3980, 33.8208, 72.4420



185.1270, -33.0936, -25.5444



100.4290, 2.7465, 5.7628



68.5710, 41.6235, 89.8302



17.3030, 10.6966, 22.5363

Previews

White Background



This preview shows how the YUV color 131.8200, 40.0217, -3.3501 looks on a white background.

Color Contrast Check

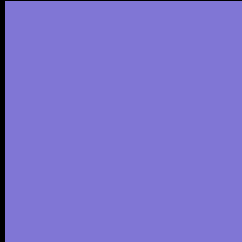
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 131.8200, 40.0217, -3.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

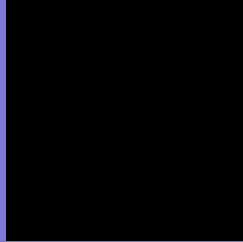
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 131.8200, 40.0217, -3.3501

Background



This preview shows how black text looks on a background with the YUV color 131.8200, 40.0217, -3.3501.



This preview shows how white text looks on a background with the YUV color 131.8200, 40.0217, -3.3501.

-3.3501.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

131.8200, 40.0217, -3.3501

Protanopia

126.3540, 46.6605, -32.7595

Deuteranopia

124.7680, 42.0194, -37.5075



Tritanopia

127.6760, 8.0477, -14.6249

Trichromacy



Original Color

131.8200, 40.0217, -3.3501

Protanomaly

128.4370, 44.1546, -22.3082

Deuteranomaly

127.6170, 41.1078, -25.0971

Tritanomaly

129.3850, 19.5302, -10.8616

Monochromacy



Original Color

131.8200, 40.0217, -3.3501

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.0720, 14.2615, -0.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.8200, 40.0217, -3.3501 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(128, 118, 213)` looks like.

```
.text, #text, p{  
    color:rgb(128, 118, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(128, 118, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 118, 213) }
```

Border

The CSS property to change the border of an element to YUV 131.8200, 40.0217, -3.3501 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 118, 213) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(128, 118, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(128, 118, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 118, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 118, 213);  
box-shadow:4px 4px 4px 4px rgb(128, 118,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 131.8200, 40.0217, -3.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 118, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(128,  
118, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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